

I claim:

1. A method of injecting a brine solution into a meat product, comprising:
  - 5 providing an injection zone comprised of a plurality of separate brine injection heads each with banks of injection needles over a meat conveyor positioned longitudinally underneath the injection heads, connecting each of the heads and the needles therein to  
10 a separate source of brine fluid with the concentration of brine being different in each source,  
providing high concentration brine to the brine source connected to heads designated for fat areas and low  
15 concentration brine to the brine source connected to heads designated for lean areas,  
passing the single piece of meat product on the conveyor through the injection zone underneath the injection heads, and  
20 causing the banks of injection needles to move downwardly to inject the meat product with fluid in accordance with the location of lean and fat areas.
2. The method of claim 1, wherein a separate fluid  
25 pump is connected to each head.
3. The method of claim 1, wherein the brine supplied from each fluid source being at the same pressure.
- 30 4. A meat injection apparatus, comprising:  
a horizontal conveyor for intermittently  
longitudinally moving meat products to be injected,  
a plurality of injection heads located over the

conveyor,  
a bank of vertically disposed injection needles on each  
head,  
a plurality of fluid reservoirs in fluid flow  
5 communication with the heads and the needles  
therein to supply source of brine fluid to the  
needles, wherein the concentration of brine being  
different in each reservoir,  
wherein the banks of injection needles move downwardly  
10 to inject the meat product by having an injection  
head connected to a reservoir having a high  
concentration of brine to penetrate an area of fat,  
and by having an injection head connected to a  
reservoir having a lower concentration of brine to  
15 penetrate an area of lean.

5. The apparatus of claim 4, wherein a separate fluid  
pump is connected to each head.